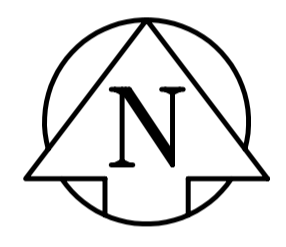


230mm PLAIN DOWELLED CONCRETE PAVEMENT
 75mm BASE COURSE
 150mm LIMESTONE SUB BASE MATERIAL (MAX. SIZE 50mm)
 450mm LIMESTONE SUB BASE MATERIAL (MAX. SIZE 150mm)

TYPICAL CROSS SECTION



DESCRIPTION	RIM	INVERT			
		NORTH	SOUTH	EAST	WEST
CB 13	31.810		30.210		
CB 14	31.810	30.210			
CB 15	31.805		30.205		
CB 16	31.805	30.205			

REFERENCE NOTES

- A. BASELINE IS CENTRE OF RIGHT-OF-WAY.
- B. LEGAL PLAN - L.B.I.S.
- C. ADD 200.000 TO OBTAIN GEODETIC DATUM (PLAN ONLY).
- D. PAVEMENT DIMENSIONS ARE TO BACK OF CURB.
- E. EARTH TECH FIELD BOOK NOS. 4111, 4281.

CONSTRUCTION NOTES

1. REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 230mm PLAIN DOWELLED CONCRETE PAVEMENT.
2. CONSTRUCT NEW 200mm PLAIN DOWELLED CONCRETE PAVEMENT.
3. CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT.
4. CONSTRUCT NEW 50mm ASPHALTIC CONCRETE OVERLAY.
5. INSTALL NEW CURB & GUTTER INLET c/w CATCHBASIN (SD024) AND CONNECT NEW 250 LEAD TO EXISTING 750 COMBINED SEWER.
6. ABANDON EXISTING DRAINAGE INLET.
7. ABANDON EXISTING CATCHBASIN.
8. ADJUST EXISTING CATCHBASIN/MANHOLE FRAME AND COVER.
9. ADJUST EXISTING WATERMAIN VALVE BOX TO GRADE.
10. INSTALL NEW 50mm CAST IRON RISER RING.
11. INSTALL 150mm SUBDRAIN.
12. ADJUST EXISTING CURB STOP BOX TO GRADE.
13. RELOCATE EXISTING TRAFFIC SIGNALS POLE (BY OTHERS).
14. REMOVE EXISTING MTS POLE (BY OTHERS).
15. RELOCATE EXISTING HYDRO POLE (BY OTHERS).
16. INSTALL NEW CATCHBASIN (SD025) AND CONNECT NEW 250 LEAD TO EXISTING 750 COMBINED SEWER.
17. PROPOSED WATERMAIN (BY OTHERS).

APEGM
 Certificate of Authorization
 Earth Tech Canada Inc.
 No. 730 Expiry: April 30, 2004

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

150 mm W.W.	WATERMAIN	150 mm W.W.	HYDRO	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
+	HYDRANT	+	M.T.S.	---	---	---	---	---	---	---	---	---
+	VALVE	+	CONCRETE	---	---	---	---	---	---	---	---	---
+	LAND DRAINAGE SEWER	+	ASPHALT	---	---	---	---	---	---	---	---	---
+	WASTEWATER SEWER	+	PROPERTY LINE	---	---	---	---	---	---	---	---	---
○	MANHOLE	○	SURVEY BAR	---	---	---	---	---	---	---	---	---
□	CATCH BASIN	□	ELEVATION	---	---	---	---	---	---	---	---	---
▽	CURB INLET	▽	TREE	---	---	---	---	---	---	---	---	---
+	JUNCTIONS	+	SIDEWALK RAMP	---	---	---	---	---	---	---	---	---
+	CULVERT	+	CONCRETE SIDEWALK	---	---	---	---	---	---	---	---	---
+	GAS	+	FENCE	---	---	---	---	---	---	---	---	---

LOCATION APPROVED UNDERGROUND STRUCTURES
 ORIGINAL SIGNED AND DATED 04/29/04
 SUPPLY U/G STRUCTURES DATE COMMITTEE

NOTE:
 LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE, BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

EARTH TECH
 Earth Tech (Canada) Inc. Winnipeg, Manitoba 204.477.5381

DESIGNED BY BK,BC,KWR
 CHECKED BY KWR,BC

DRAWN BY BC,BK
 APPROVED BY ORIGINAL SIGNED

HOR. SCALE: 1:250
 VERTICAL: 1:10

RELEASED FOR CONSTRUCTION BY:
 ORIGINAL SIGNED AND DATED 04/29/04

ENGINEER'S SEAL
 PROVINCE OF MANITOBA
 ORIGINAL SIGNED
K.W.
 Apr. 29, 2004
 REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION

LOGAN AVENUE
 TRINITY STREET(RAILWAY) TO REITTA STREET
 STREET RECONSTRUCTION

PLAN/PROFILE
 STATION 4+20 TO STATION 5+60

CITY DRAWING NUMBER
 P-3249-06
 SHEET 6 OF 7